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Fig. 2a

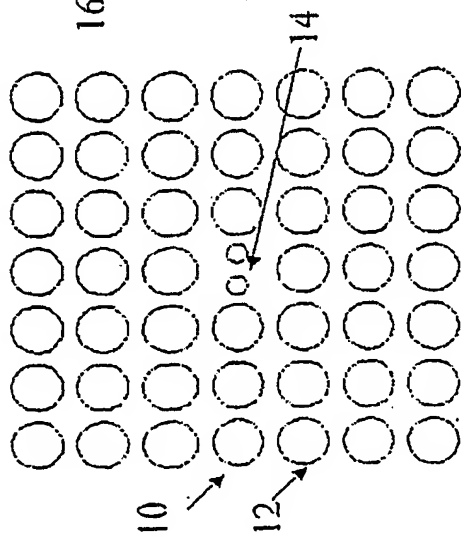


Fig. 2b

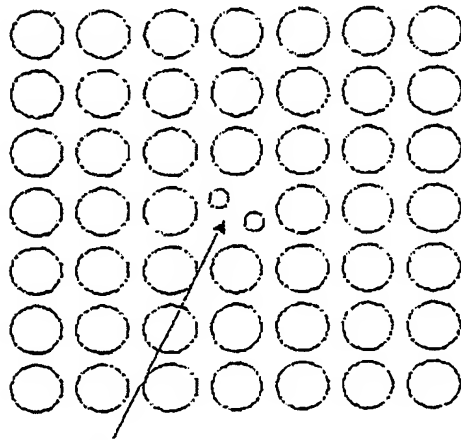


Fig. 2c

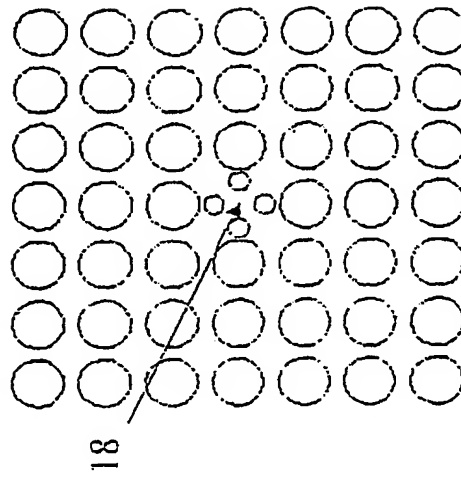


Fig. 2d

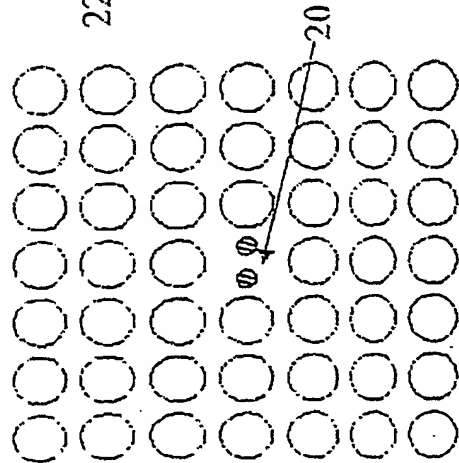


Fig. 2e

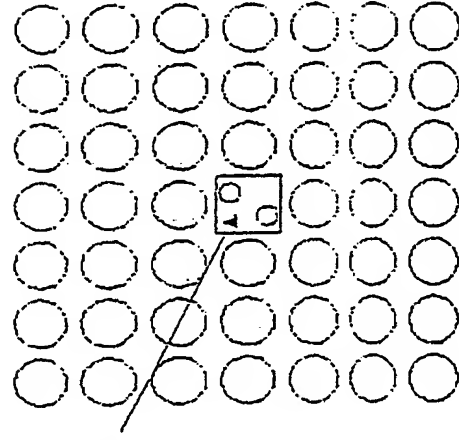
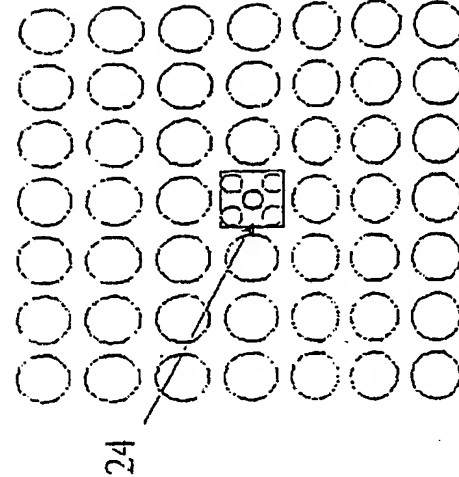


Fig. 2f



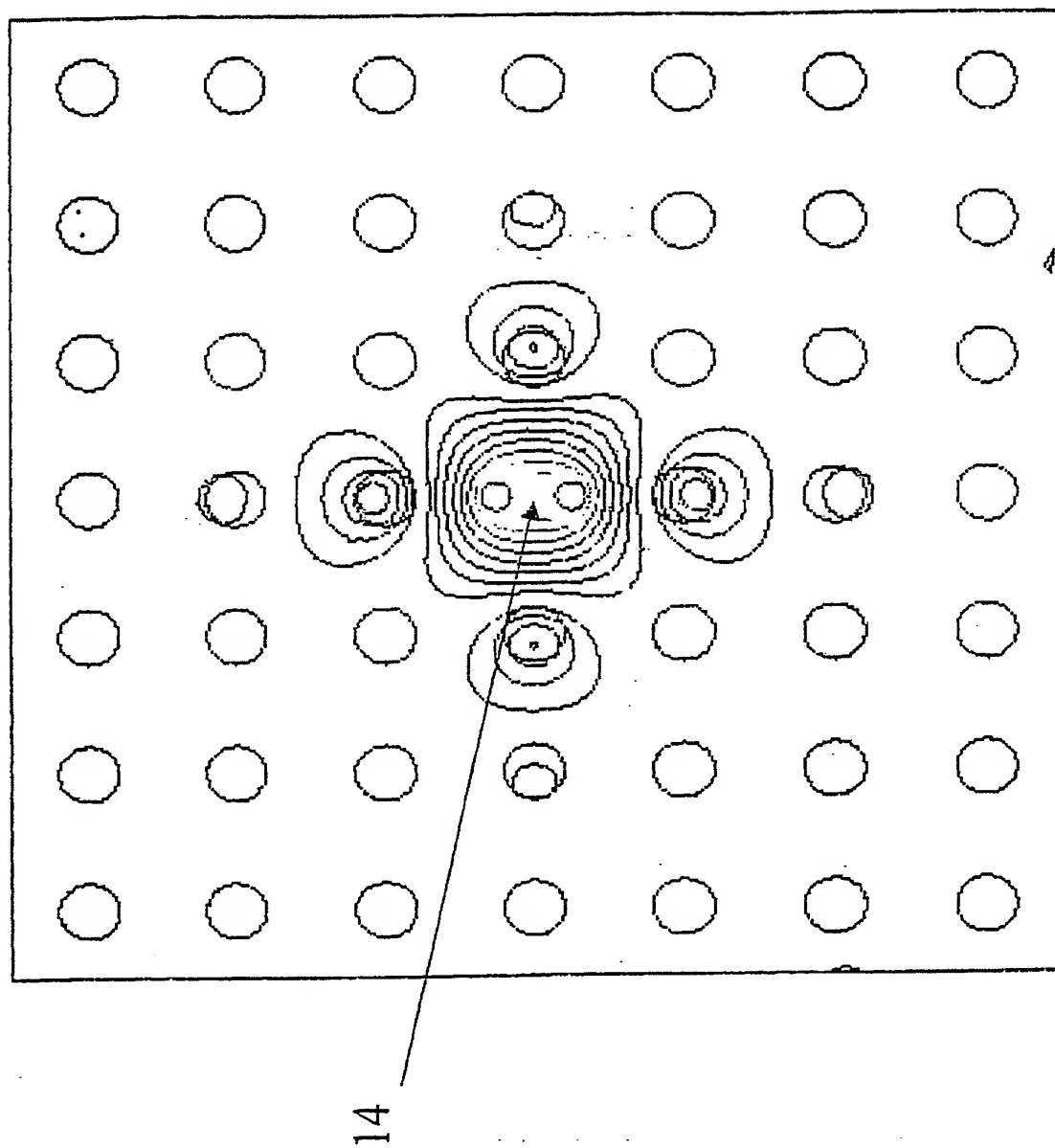


Fig. 3

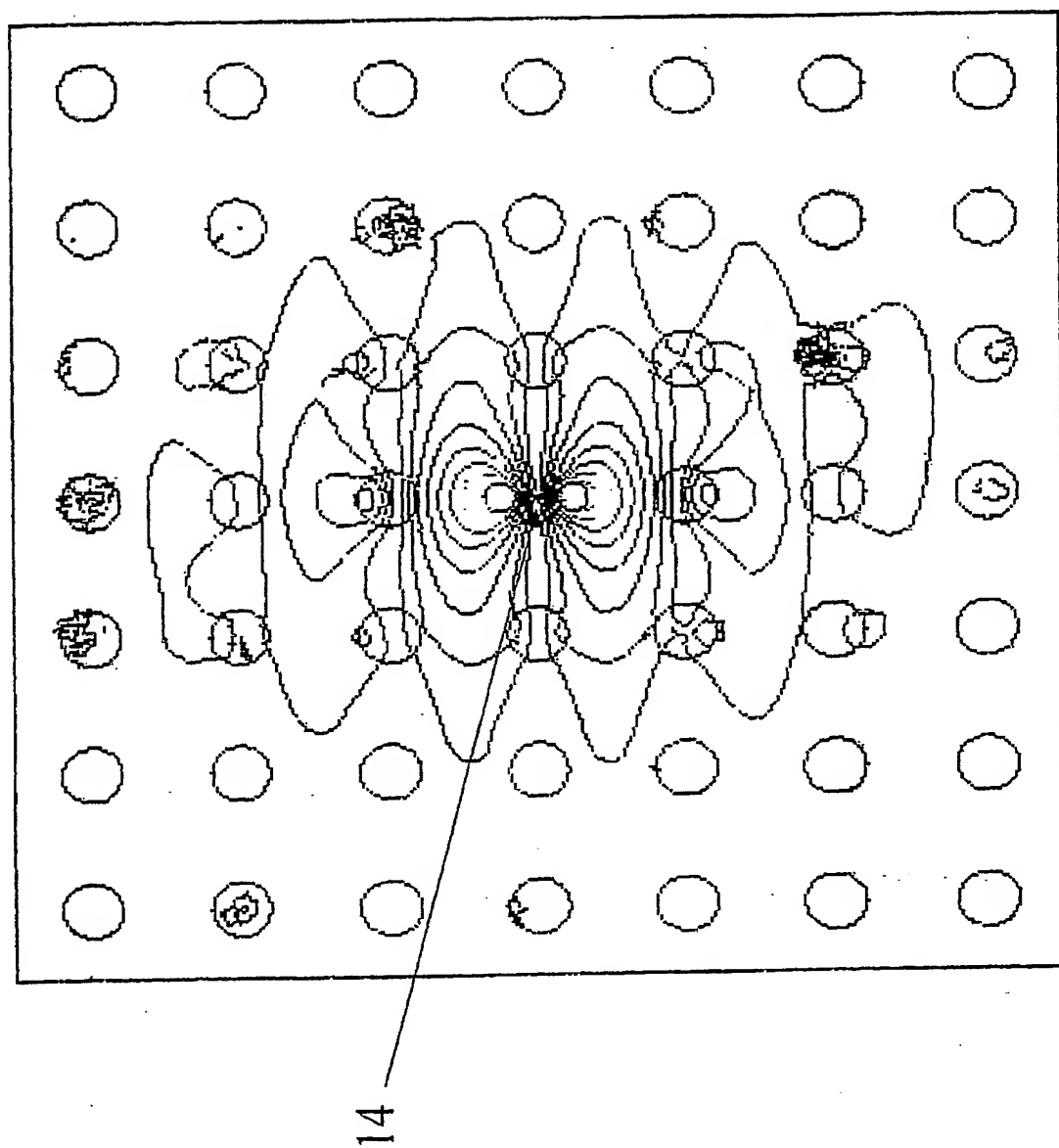


Fig. 4

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Microcavity - Normalized Resonance Frequency
 $N=2$, $r/a=0.1$, $\alpha=0$

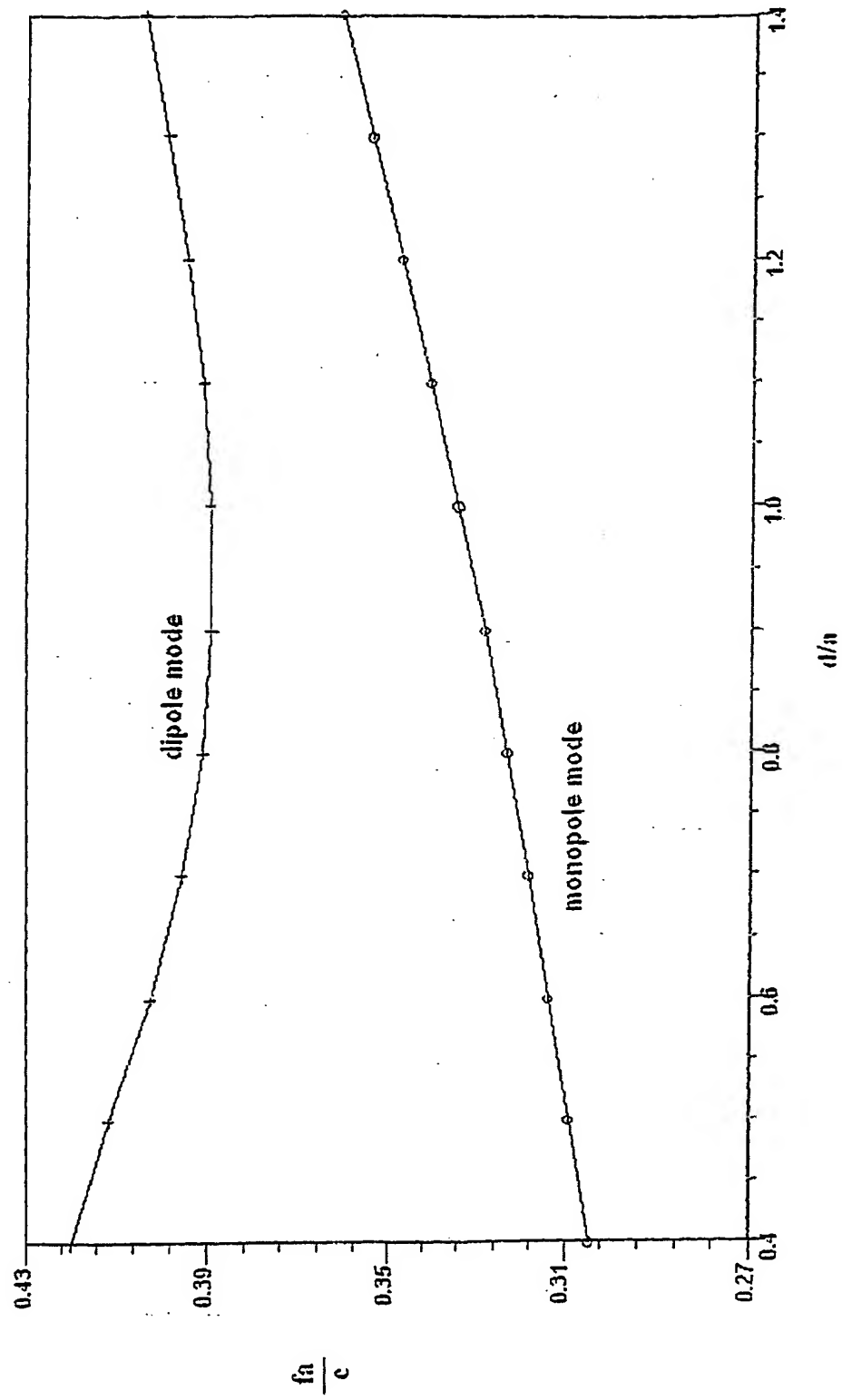


Fig. 5

Micro-cavity Resonance Frequency
N=2, d/a=0.8, $\alpha=0$

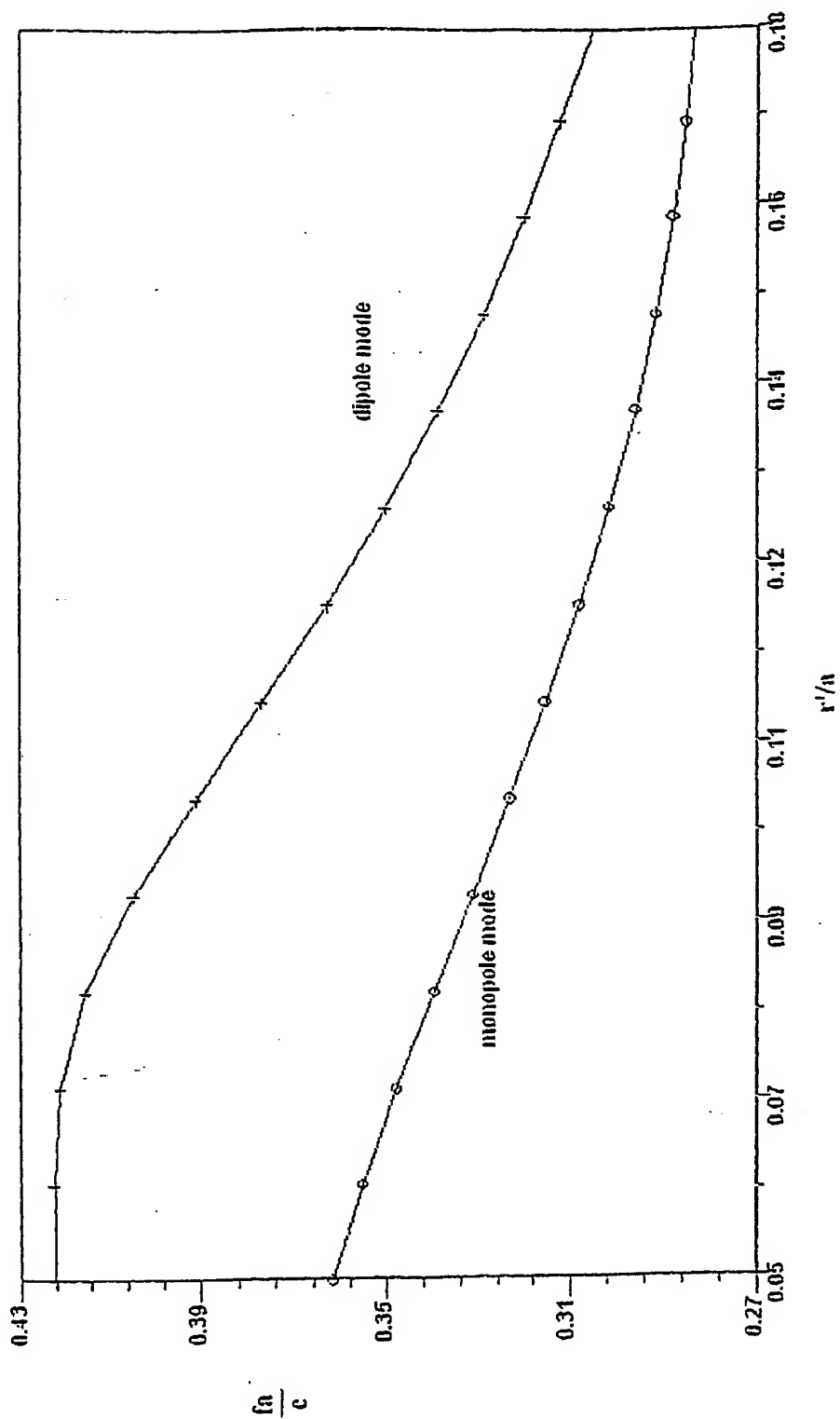


Fig. 6

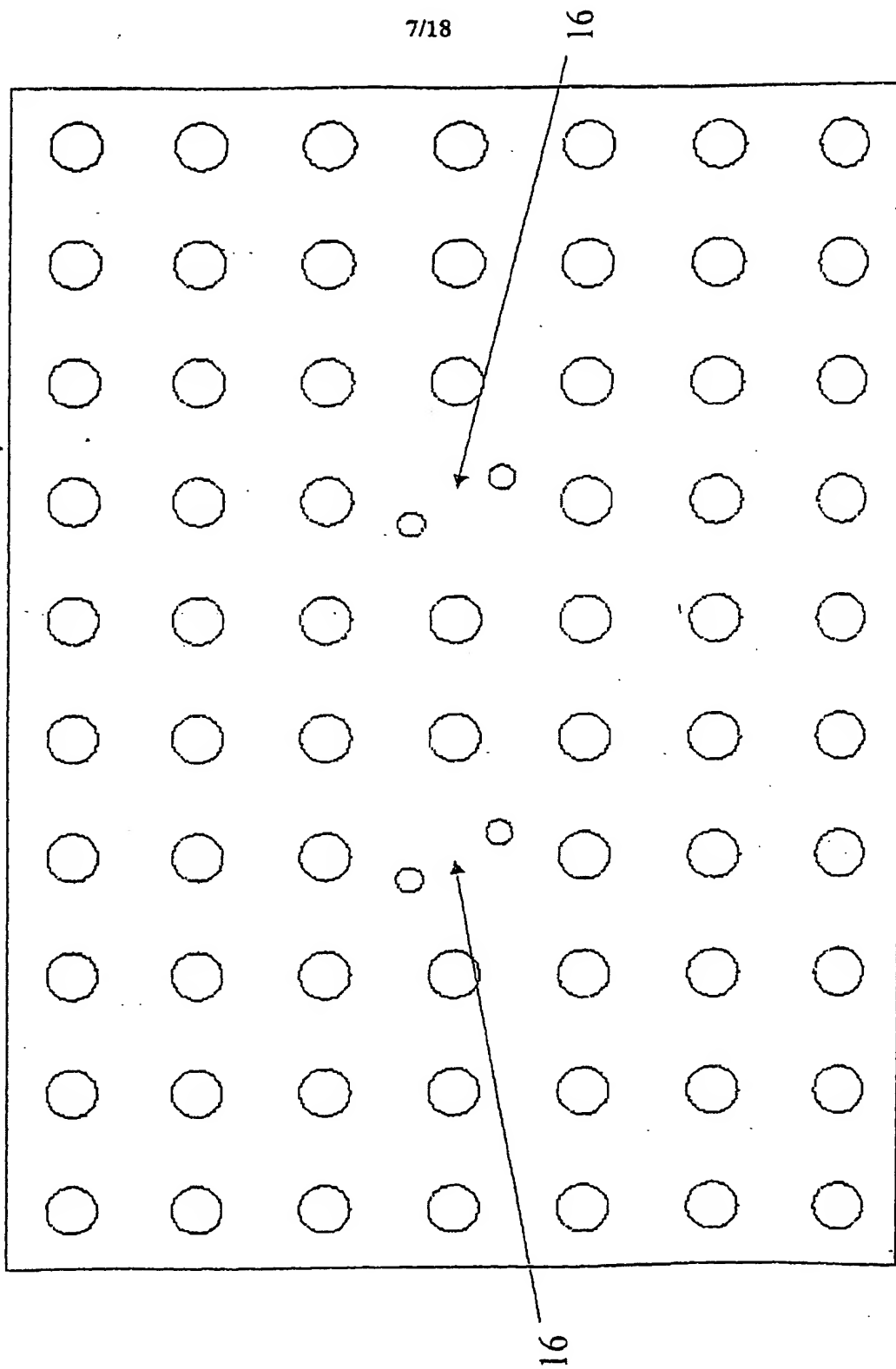


Fig. 7

Micro-cavity Coupling
Resonance Frequency Split of Two Identical Micro-cavities

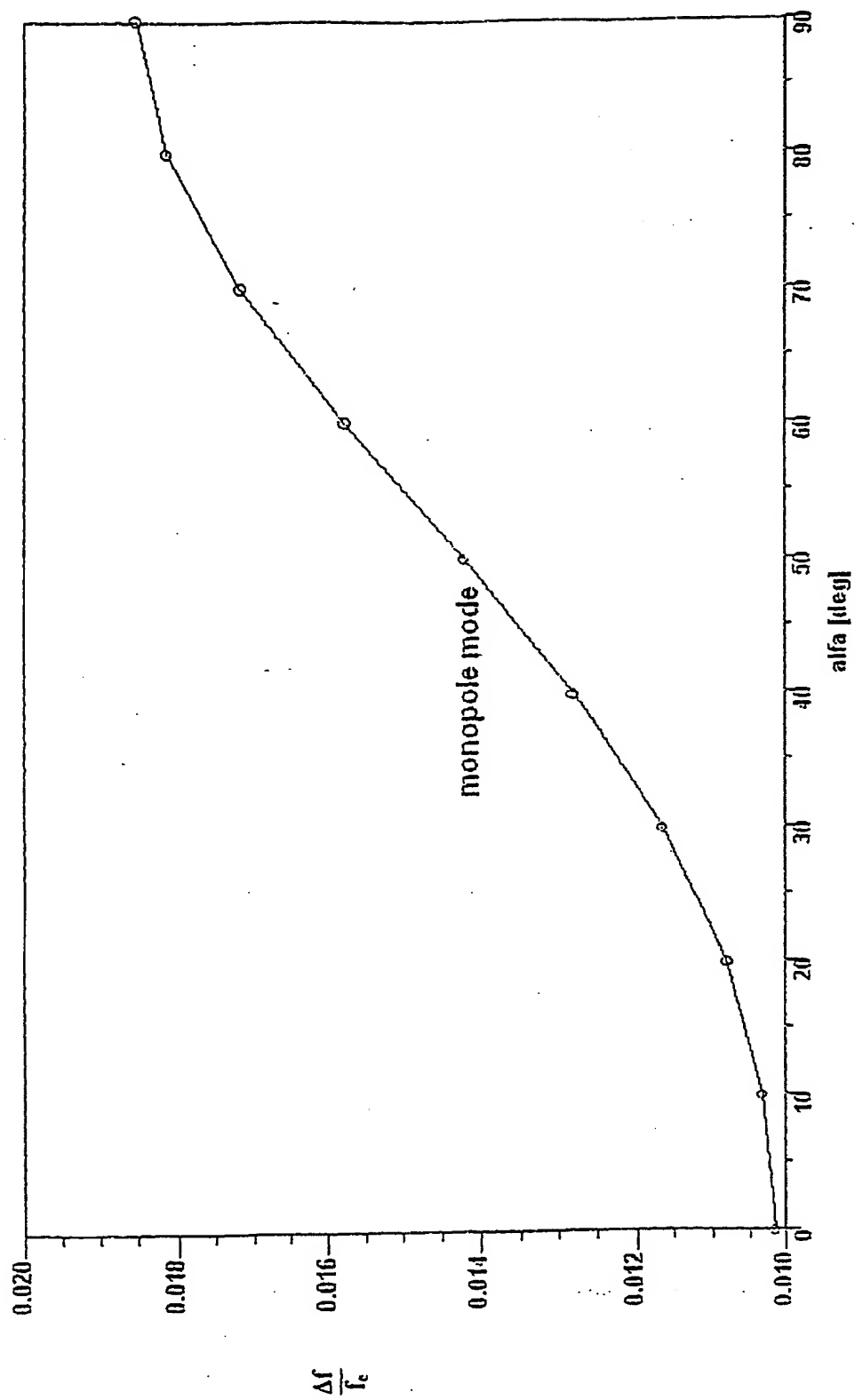
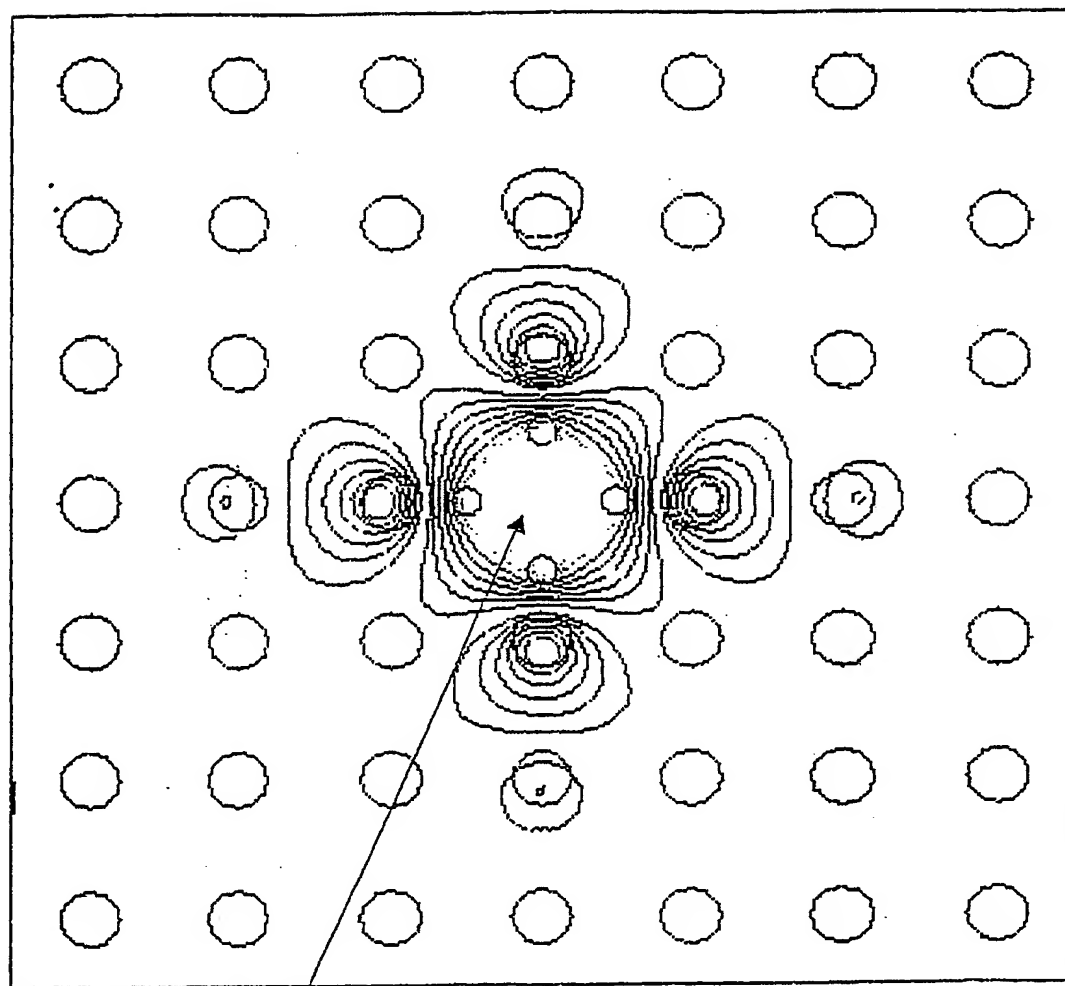
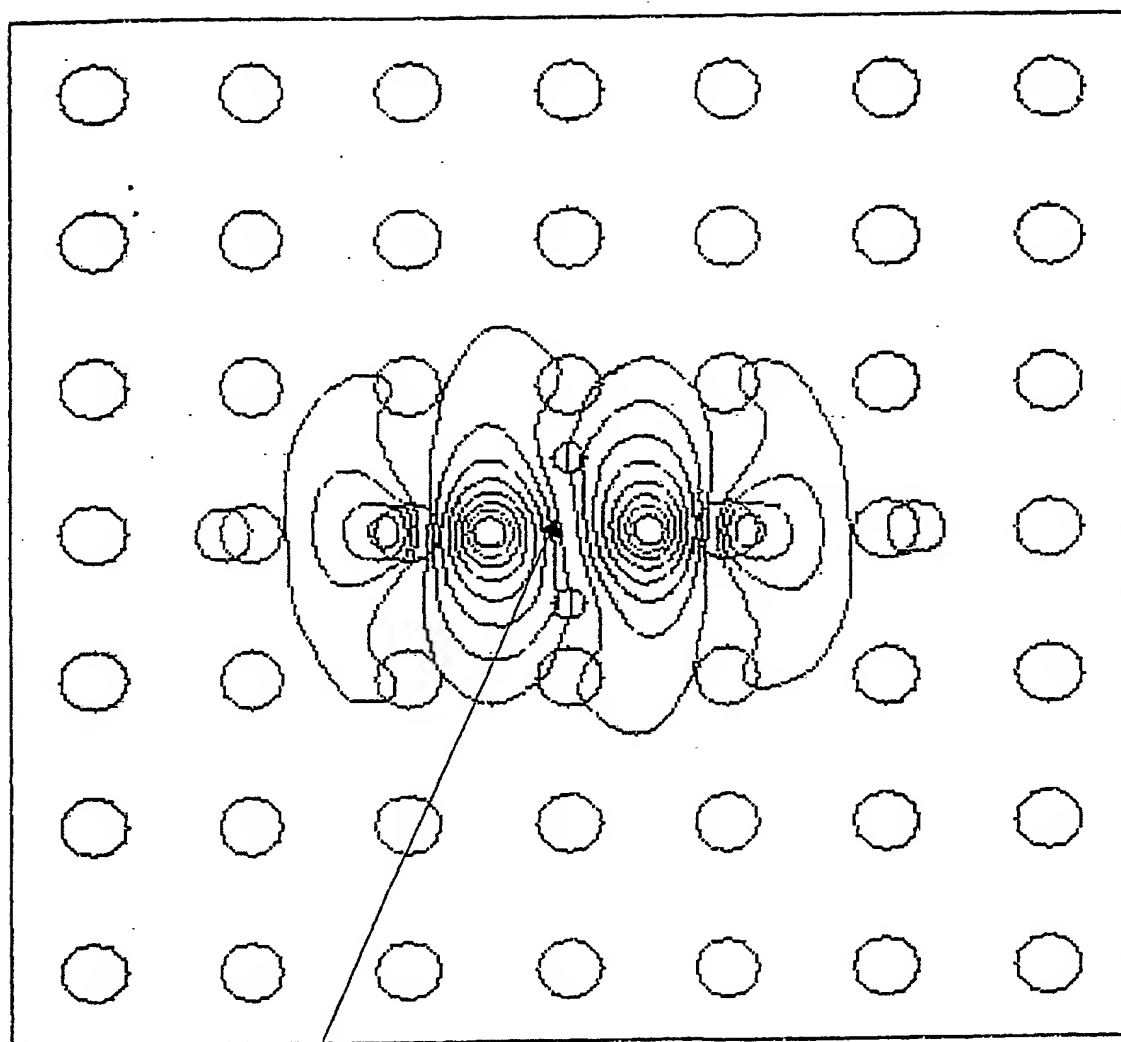


Fig. 8



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Fig. 9a



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Fig. 9b

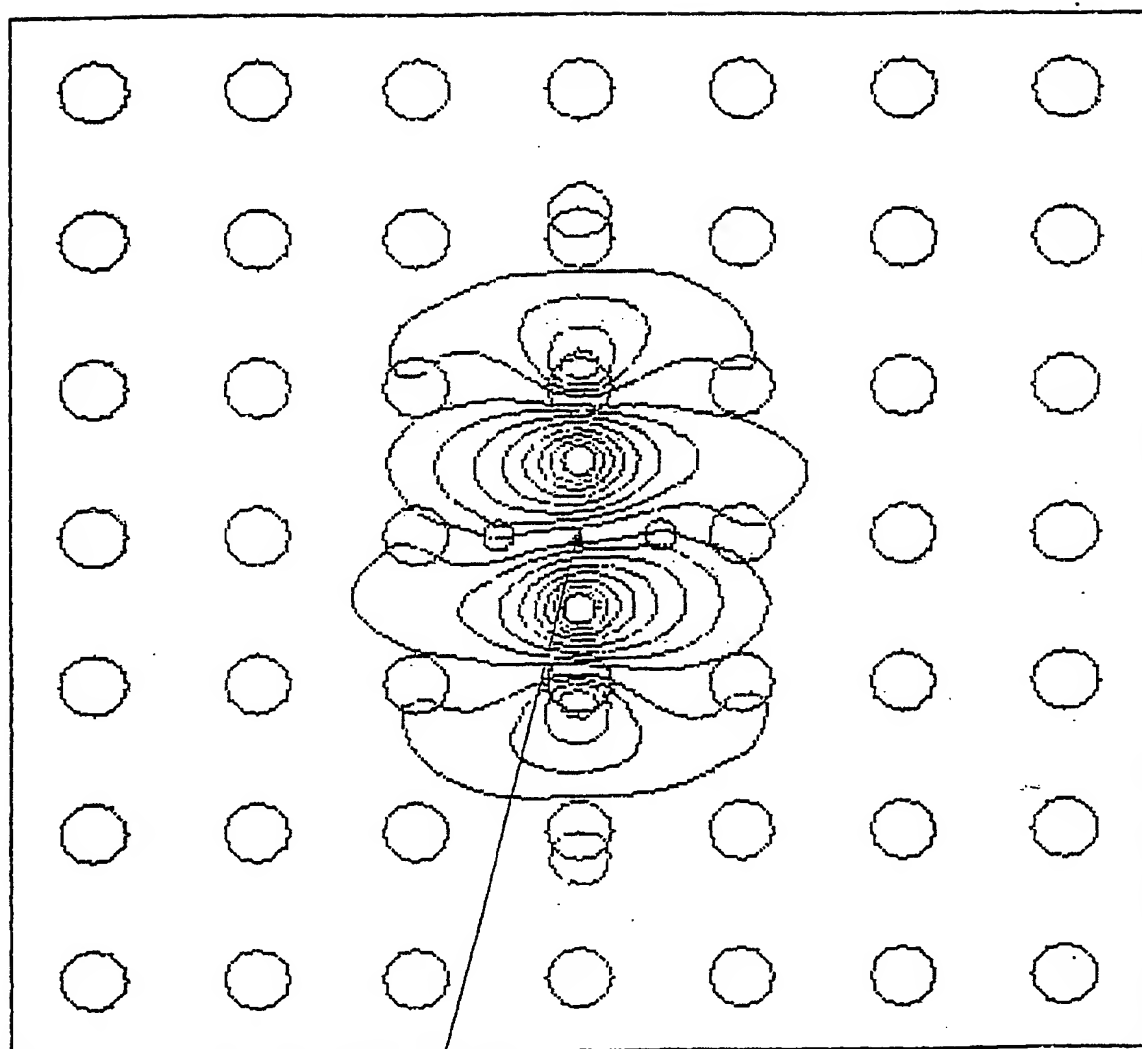


Fig. 9c

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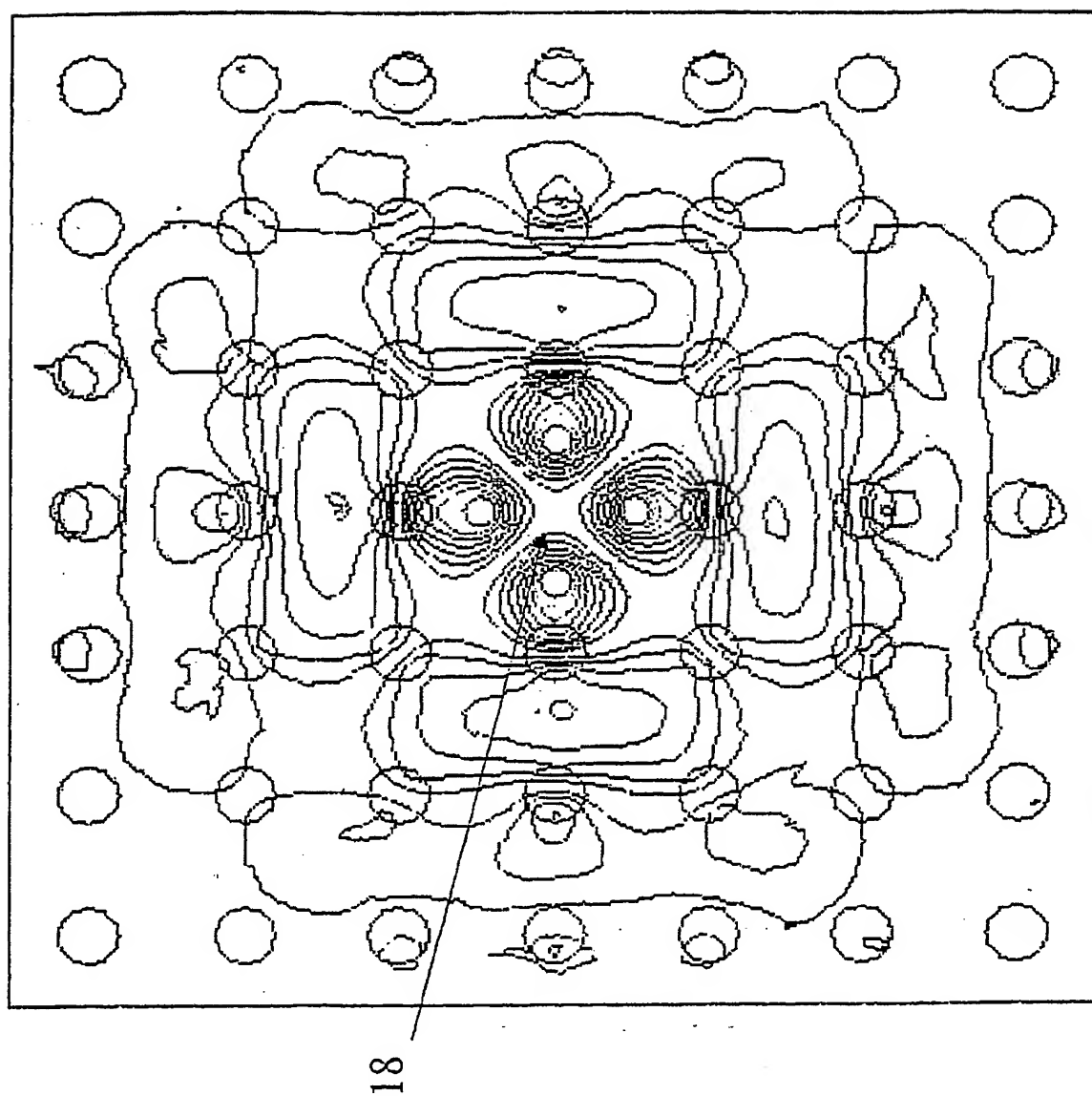


Fig. 9d

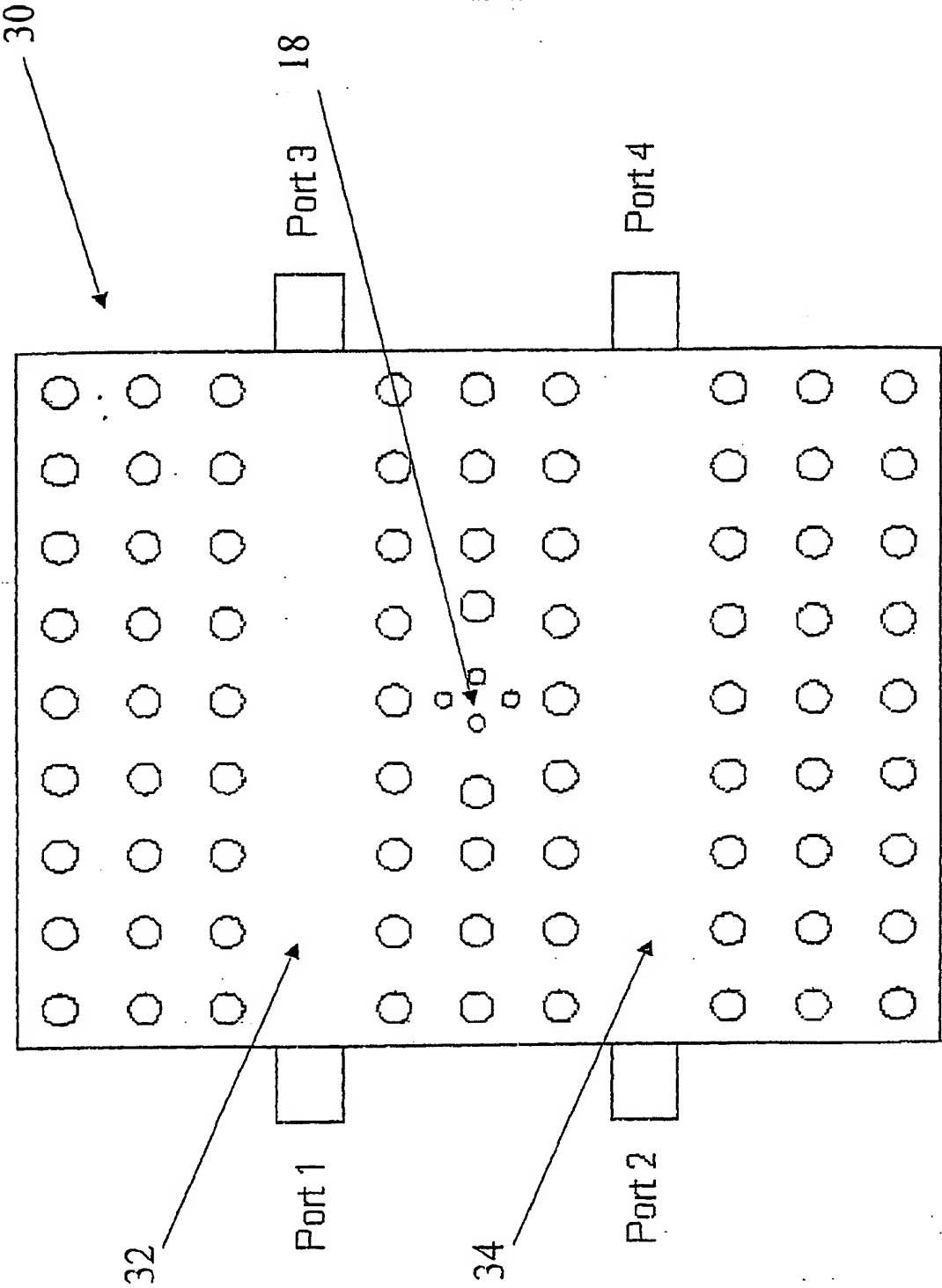
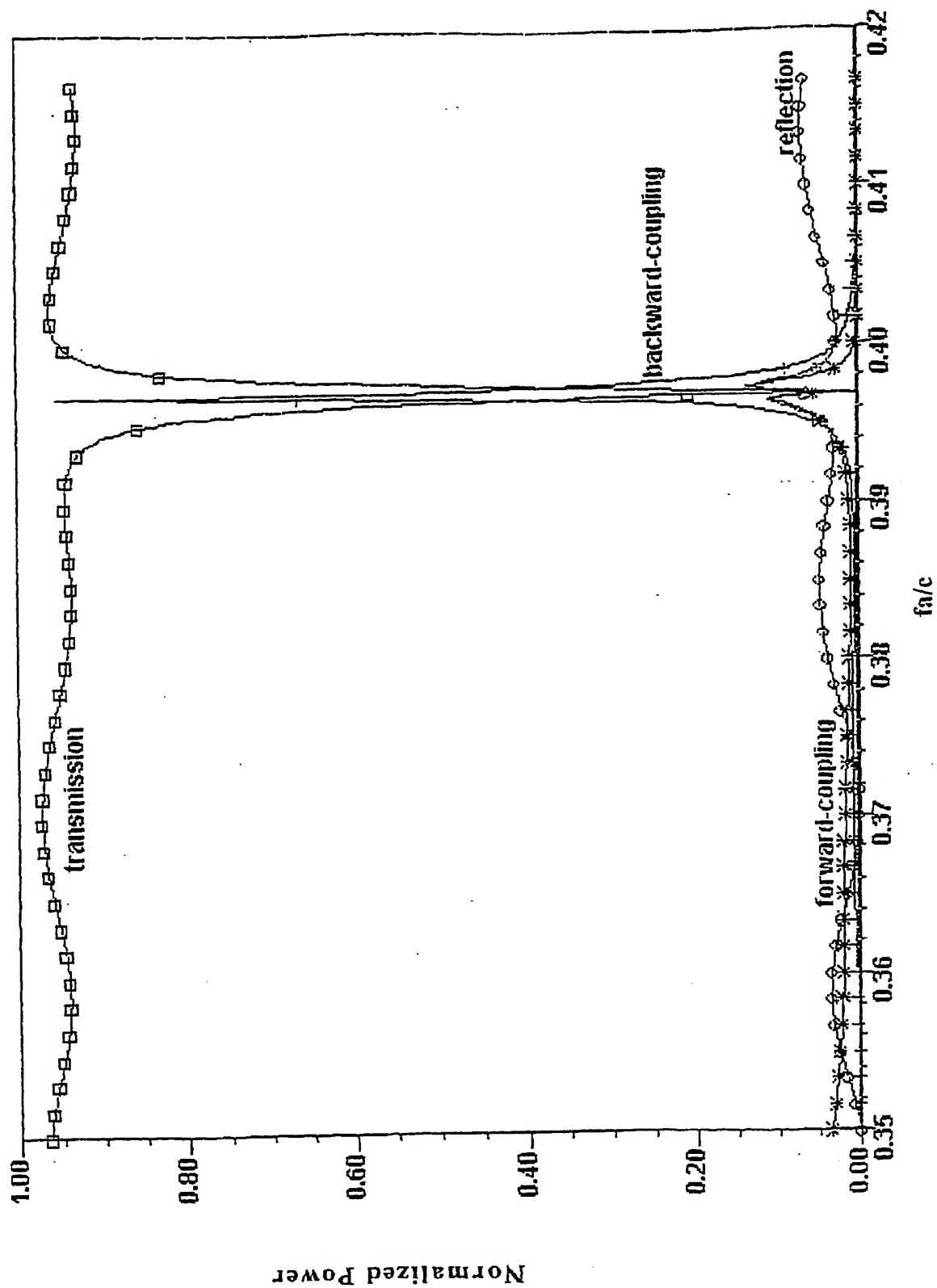


Fig. 10

Fig. 11

Power Transmission, Reflection and Coupling



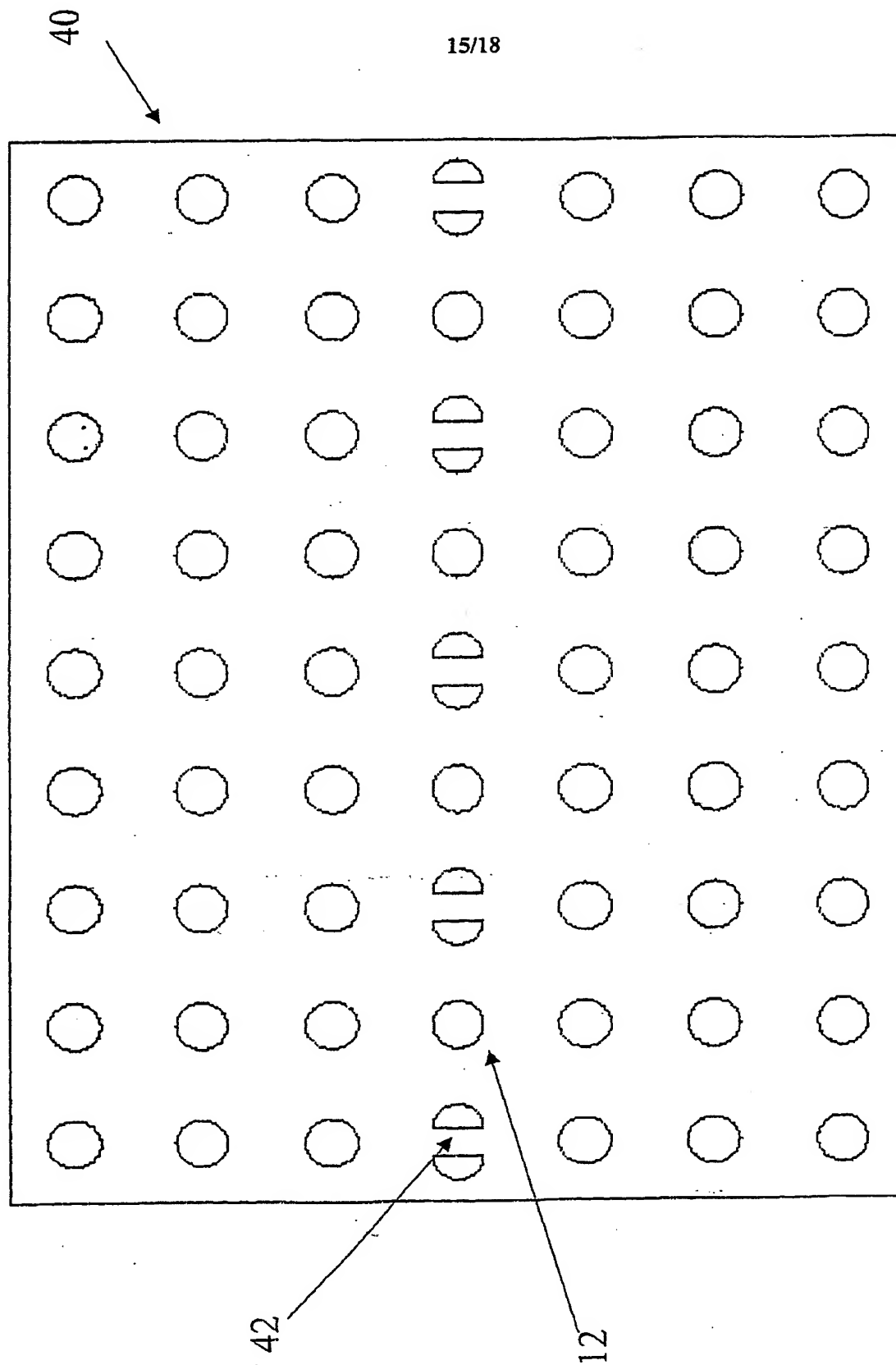


Fig. 12

CCW Dispersion Curve - Dipole Mode

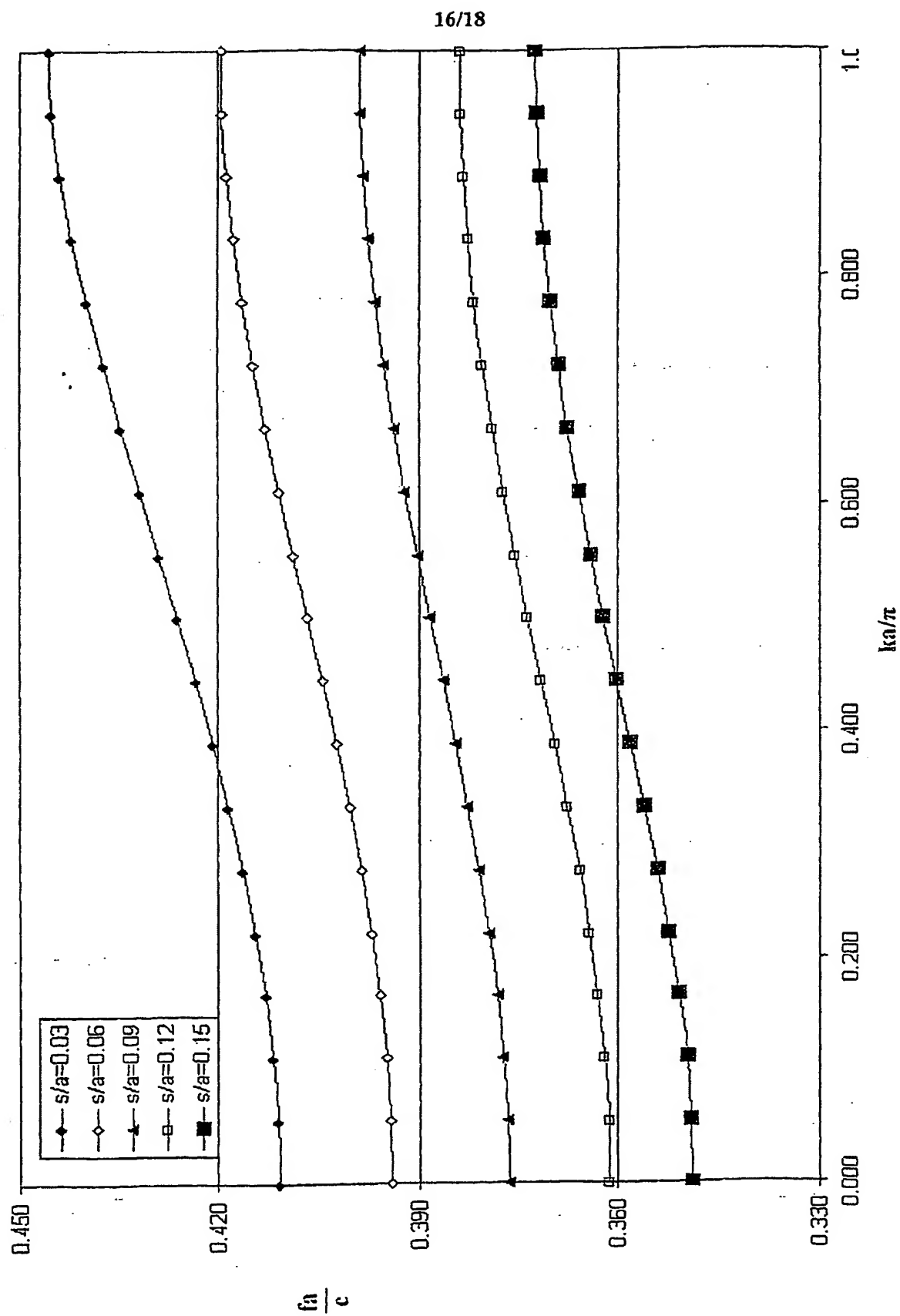
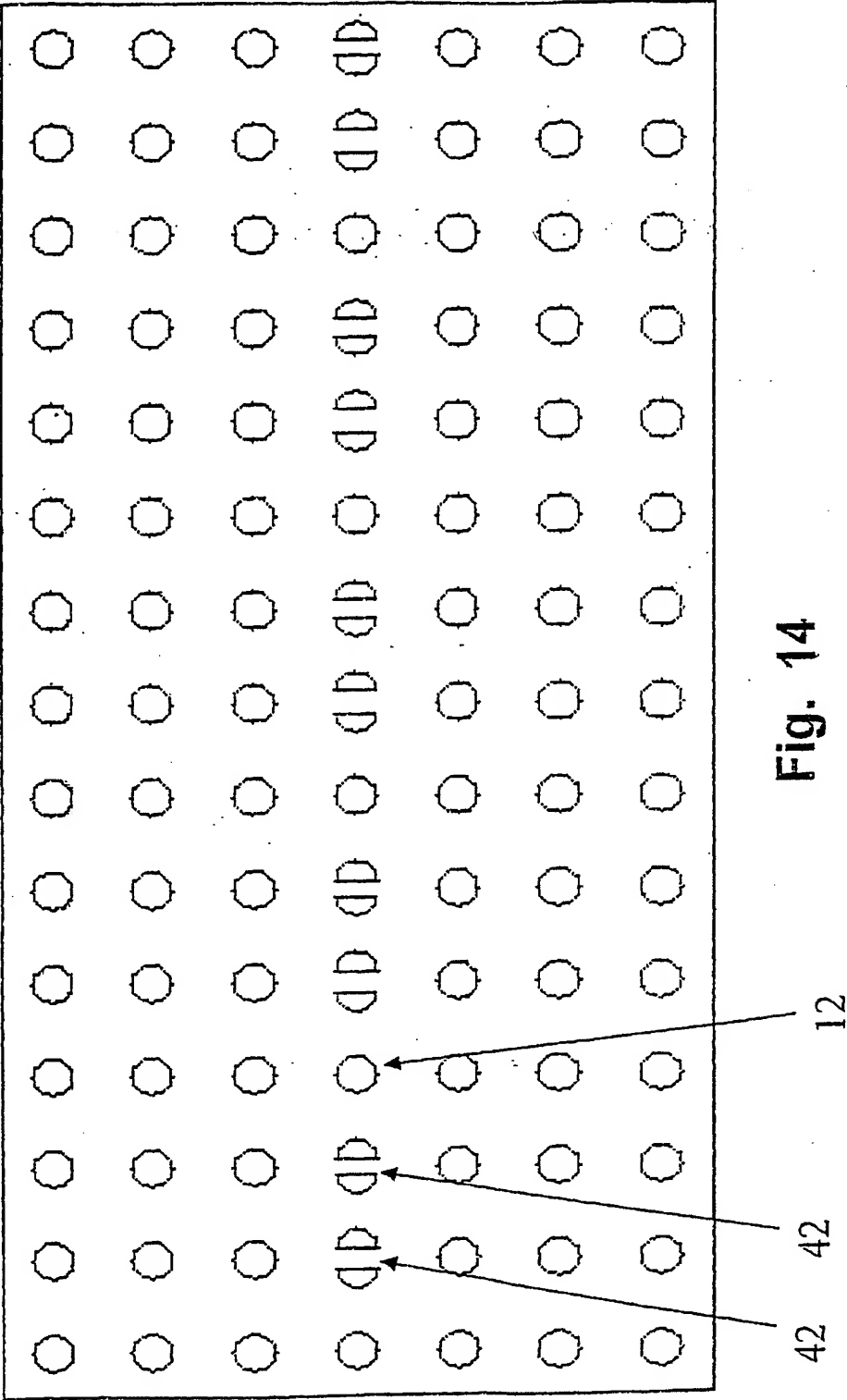


Fig. 13



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Coupled Cavity Waveguide - double micro-resonator

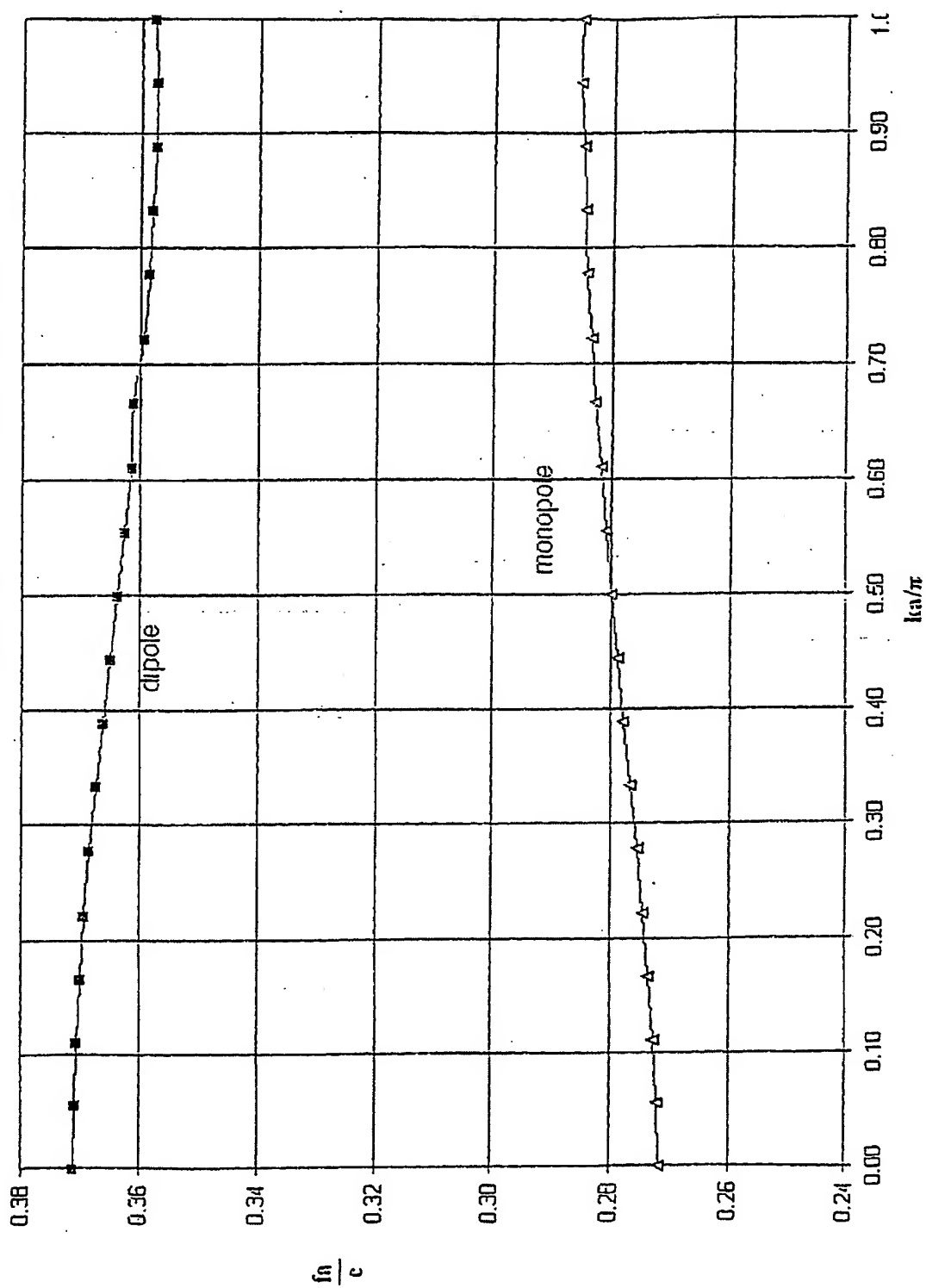


Fig 15